

LAND APPLICATION OF BIOSOLIDS SITE INSPECTION FORM

GENERAL INFORMATION:		DATE: 2/23/2006	
COUNTY: Sussex		CONTRACTOR/MUNICIPALITY: Synagro Mid Atlantic	
NAME (OWNER/OPERATOR): Prince / Keith Dunn			
INSPECTED BY: Scott Haley (writer)		PERMIT NO: VDHBUR 121	
FIELD NO: SX6 – 80, 81, 90, 91, 92, 93, 95		ACRES: @150	
OTHERS PRESENT: none			
FIELD DATA/OBSERVATIONS:		TIME: 2/23/2006	
WEATHER: NW wind, 60 degrees,		SOIL CONDITIONS: moist to wet	
BIOSOLIDS SOURCE: Blue Plains, UOSA		BIOSOLIDS TYPE: Lime Stabilized	
SOIL pH: range from 5.2 to 5.6		SOLIDS CONTENT OF BIOSOLIDS (%): @29	
APPLICATION RATE: 7.4 DT/AC 25.4 WT/AC 175lbs. PAN/ac.			
CROP AND EXPECTED YIELD: Corn			
LOAD TO DATE (WT): see monthly reports Jan 2006, Feb 2006			
BIOSOLIDS APPLIED:		<input type="checkbox"/> LIQUID <input checked="" type="checkbox"/> DEWATERED	
MODE OF APPLICATION:		<input type="checkbox"/> SURFACE <input checked="" type="checkbox"/> SURFACE W/INCORP. <input type="checkbox"/> INJECTION	
APPLICATION LIMITED BY:		<input checked="" type="checkbox"/> NITROGEN <input type="checkbox"/> pH	
		<input type="checkbox"/> MAX. HYDRAULIC LOADING (LIQUID BIOSOLIDS)	
		<input type="checkbox"/> MAX. SOLIDS LOADING (15 DRY TONS/ACRE)	
		<input type="checkbox"/> OTHER (SPECIFY):	
FIELD OBSERVATIONS			<u>YES</u>
			<u>NO</u>
BUFFERS OBSERVED:		X	
UNIFORM APPLICATION:		X	
PROPER FIELD RECORDS:		X	
SIGNS OF RUNOFF:			X
TRUCKS NON-SPILL/WATERTIGHT: N/A			
CONDITION OF HAUL ROUTE SATISFACTORY:		X	
ODORS PRESENT:		<input type="checkbox"/> NONE <input checked="" type="checkbox"/> NORMAL <input type="checkbox"/> ABOVE NORMAL*	
OVERALL CONDITION OF SITE:		<input checked="" type="checkbox"/> GOOD <input type="checkbox"/> FAIR <input type="checkbox"/> POOR	

COMMENTS: (*explain):

2/23/2006

Mr. Scott Haley (writer) traveled to Sussex County to respond to a complaint about land application of biosolids located on property accessed from the end of Optimist Road (Rt. 733). This complaint was forwarded by Curt Linderman of DEQ-Piedmont Regional Office.

Writer spoke with the wife of the complainant, on the telephone prior to visiting the site. She also complained about truck traffic, odor, and was concerned about her well and possible runoff into the nearby pond. She stated that her son-in-law had complained previously, and lived directly across Rt. 733 from her. I explained the required buffer setbacks from wells and other features.

Arrived in the area at approximately 4:10PM, the wind was blowing from the NW - writer did not detect any odor on Rt. 733. No land application occurring due to wet conditions. I detected odor onsite (on the farm road next to field SX6-90), but it was not strong. Fields SX6-91 & 92 (closest to the residences on Rt. 733) had been chisel-plowed. Telephoned Marshall Puryear of Synagro, who stated that field SX6-90 would be chisel-plowed on 2/24/2006.

Distance from the closest land application field (SX6 91 & 92) to the complainant residence is approximately 1200 feet.

There was evidence of rutting on some fields – writer discussed this with Mr. Puryear of Synagro, and discussed the concerns of operating when field conditions are unsuitable.

2/24/2006

Writer called complainants to discuss the findings and stated that Synagro would be chisel-plowing the field to reduce odor potential. The complainants remained concerned about their well and said that they were going to test their well.

Synagro estimates that land application at the end of Rt. 733 should be complete in that area by the end of the following week, barring any equipment breakdowns or precipitation events.

2/28/2006

Marshall Puryear stated that field SX6-90 had been chisel-plowed with the exception of @ 2 acres that received biosolids this morning to complete the field. This portion will be chisel-plowed.

3/6/2006

Telephone conversation with Marshall Puryear indicates that application should be complete on the site by 3/9/2006.

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Synagro